

REMARKS

Applicant respectfully requests reconsideration of the subject application as amended. In response to the Office Action mailed 10/19/05, Applicant is filing this amendment. Claims 7, 8, 17 and 18 are now pending.

In the Office Action of 10/19/05, the Examiner has rejected claims 1-25 under 35 U.S.C. §103(a) as being unpatentable over Abramsky et al. (U.S. Patent 6,052,566; "Abramsky"), in view of Kamgar et al. (U.S. Patent 6,324,387; "Kamgar") and further in view of Hutchinson, IV et al. (U.S. Patent 5,722,061; "Hutchinson"). Furthermore, the Examiner has rejected claims 26-28 under 35 U.S.C. §103(a) as being unpatentable over Kamgar in view of Hutchinson. Applicant submits that the claims have been amended to distinguish over these references.

Applicant submits that the Examiner has noted that both Abramsky and Kamgar fail to disclose measuring narrowband signal strength after the BPF. The Examiner has cited Hutchinson for the purpose of teaching the measuring of narrowband signal strength after the BPF. The Examiner states that the teaching of Hutchinson makes the claimed invention obvious when taken in combination with Abramsky and Kamgar.

Applicant has amended independent claims 7 and 17 to clearly recite the technique of adjusting the gain of the LNA in a sequence of adjustments based on both RSSI_A and RSSI_B. This combination of RSSI_A and RSSI_B adjustments of the LNA gain is employed to compensate for intermodulation interference. Hutchinson discloses AGC adjustment for power level control (col. 5, lines 52-65 of Hutchinson), but does not disclose the combination of using both RSSI_A indication (prior to BPF) and RSSI_B (post to BPF) to adjust for intermodulation interference, as now claimed.

Accordingly, Applicant submits that the cited references fail to disclose the aspects of the embodiments of the invention as now recited in the amended independent claims. Accordingly, Applicant requests the Examiner to withdraw the 35 U.S.C. §103(a) rejections and allow pending claims 7, 8, 17 and 18.

If there are any fee shortages related to this response, please charge such fee shortages to Deposit Account No. 50-2126.

Respectfully submitted,

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